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Claims

I claim:

1. A method of operating a distributed processing system to provide data conversion services, comprising:

providing a server system;

coupling the server system to a network, the network being configured to be coupled to distributed devices;

receiving a request for data conversion from a requesting device; and utilizing the server system to distribute workloads to at least one distributed device to accomplish the requested data conversion.

- 2. The method of claim 1, wherein the data conversion comprises language translation.
- 3. The method of claim 1, wherein the data conversion comprises reformatting content of a network site.
- 4. The method of claim 3, wherein the requesting device is a wireless device and the data conversion reformats the content of the network site so that it is displayable on the wireless device.
- 5. The method of claim 4, wherein receiving step comprises receiving a request from a wireless device server, the wireless device server having first received a request for the content from the network site from the wireless device.
- 6. The method of claim 1, wherein the distributed devices receiving the conversion workload communicate results directly back to the requesting device.

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- 7. The method of claim 1, wherein the requested data conversion comprises a data file transmitted from the requesting device.
- 8. A method of operating a distributed processing system to provide data conversion services, comprising:

providing a server system;

coupling the server system to a network, the network being configured to be coupled to distributed devices;

receiving a request for data conversion service from a requesting device; and allocating at least one distributed device to accomplish the requested data conversion service.

- 9. The method of claim 8, wherein the requesting device comprises a network site content server.
- 10. The method of claim 9, wherein the network is the Internet.
- 11. The method of claim 9, wherein allocating step comprises allocating a group of distributed devices for a period of time to accomplish expected data conversion demands on the requesting device.
- 12. The method of claim 11, wherein the requesting device comprises a wireless device server.
- 25 13. The method of claim 11, wherein the requesting device communicates data conversion workloads directly to the allocated distributed devices.

A distributed data conversion processing system, comprising:

a first system coupled to a network, the network being configured to be coupled to distributed devices; and

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a database storing capability vectors for a plurality of the distributed devices, the first system utilizing at least one capability vector to identify at least one distributed device to accomplish data conversion;

the first system capable of receiving data conversion requests from a requesting device.

15. The distributed data conversion processing system of claim 14, wherein the data conversion comprises language translation.

- 16. The distributed data conversion processing system of claim 14, wherein the data conversion comprises reformatting content of a network site.
- 17. The distributed data conversion processing system of claim 16, wherein the first system is capable of receiving a request from a wireless device server, the wireless device server having first received a request for the content from the network site from a wireless device.